Bryce **Davis**

Data Science | Machine Learning | Business Intelligence

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Avid Statistics and Comp-Sci student seeking employment in the data science and analytics industry by providing data-driven decisions and practical solutions to complex business and data problems. My formal training in advanced statistical modeling and theory provides the backbone for how I handle data problems in business settings. I am extremely enthusiastic to learn new tools and frameworks and can pick up domain / industry knowledge quickly. I have experience working with various types of structured and unstructured data and I am confident I can overcome whatever problem is thrown my way.

Skills

Programming	**Python**, **R**,**SQL**, HTML, Java
Frameworks	**Docker**, Joomla, Spark
Databases	Microsoft SQL Server, MySQL, PostgreSQL
Distributed Systems	Azure, Google Cloud Compute
Vizualizations and Automation	PowerBI, Tableau, Trifacta, Microsoft Power Automate, Excel

Education

2021 University of Georgia - Statistics Major
2020 University of Georgia - Certificate of Applied Data Science

Experience

Current
September 2019

Data Analyst, UGA, Office Of Global Engagement

- Full-Stack data development : Data wrangling and cleaning to modeling and visualization.
- Streamlining labor intensive work. For example, a previously daily 20-minute task became a once per-year setup.
- Automation of office tasks with Python, SQL, Power Automate
- Machine Learning implementations on a production server

Current
Fall 2020

Research Assistant, UGA, HeRo (Heterogenous Robotics) Laboratory

- Development of DIY Self-Driving Car
- Algorithm Research and Development

Projects

HeRo Lab - Self-Driving RC Car — 2020 - 2021

Preliminary Github Presentation HeRo Lab Website Research Paper

An ongoing research project to develop and deploy self-driving algorithms on a simple RC car that has been augmented with a raspberry pi zero for the purpose of furthering AI in education

C Python Unity

Department of Geology - Viability of SfM to Investigate Historical Rice Growth — 2020-2021

Research Paper

My senior capstone research project. Geo-spatial statistical modeling with several steps of data-processing

R ArcGIS Python

Wells Fargo Data Science Competition - Predicting Credit Default — 2021

Submitted Paper Industry Day Presentation Code

Winning undergraduate submission for the UGA-Wells Fargo Data Science competition. Comparing a simple logistic model to a XGBoosted Ensemble model for predicting credit default.

Python

Honors and Awards

2021 **UGA-Wells Fargo Data Science Competition** - First Place | Compeition Homepage
2020 **NSEP (National Security Education Program)** - STEM Boren Scholarship Awardee | Press Release
2018 **Peach Belt Conference(PBC)** - League of Legends Champion (eSports) | Press Release